



V.35 (Nx56/64) Module

Total Access® 750 Access Module

Product Features

- Single V.35 DTE port
- Synchronous operation to 1.536 Mbps in steps of 56/64 Kbps
- V.54 loopback
- 50% duty cycle output clock at all rates
- User-mapping via craft interface on BCU
- Occupies slots 6 and 7 in Total Access 750 chassis
- Hot swappable
- Industry-leading 10-year North American warranty

The V.35 (Nx56/64) Access module is used in the Total Access 750 integrated access device to provide a programmable data interface to various types networking equipment. Some common applications for the unit include a high speed data interface for routers, audio broadcasting systems, and video-conferencing systems.

Designed to interface with standard V.35 DTE connectors on routers, bridges, codecs and switches, this module provides synchronous data at rates from 56 Kbps to 1.536 Mbps. To aid in setup and troubleshooting, the module provides local and remote loopbacks and built-in test patterns.

The V.35 (Nx56/64) module is configured through the craft interface located on the faceplate of the Total Access 750 Bank Controller Unit (BCU). The V.35 (Nx56/64) module occupies slots 6 and 7 in the Total Access 750 chassis. The physical interface to the module is on the rear of the Total Access 750 chassis in the form of a V.35 Winchester female connector.



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Product Specifications

Physical Interface

- CCITT V.35 standard Winchester female connector (on rear of TA 750 chassis)

Operating Mode

- Synchronous, V.35

Data Rates

- Any multiple of 56K or 64 Kbps up to 1.536 Mbps

Clock Options

- Internal, external, internal invert

Alarms

- No external clock
- PLL failed to lock

Diagnostics

- Self-test
- 511 test pattern generator and detector
- V.54 loopback

Signal Monitoring

- RTS, CTS, DTR, DSR, DCD, RI, TD, RD

Agency Approvals

- FCC part 15, Class A
- UL 1950

Environment

- Operating: 0 to 50°C (32 to 113°F)
- Storage: -20 to 70°C (-4 to 158°F)
- Relative Humidity: Up to 95%, non-condensing

Power

- 2 watts

Ordering Information

| Equipment | Part # |
|-----------------------|-----------|
| V.35 (Nx56/64) Module | 1175025L1 |

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